

538,582

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



15 JUN 2005



(43) International Publication Date
1 July 2004 (01.07.2004)

PCT

(10) International Publication Number
WO 2004/056121 A1

(51) International Patent Classification⁷: H04N 7/26, 7/50

(71) Applicants and

(21) International Application Number:
PCT/IB2003/005949

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(22) International Filing Date:

11 December 2003 (11.12.2003)

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(25) Filing Language:

English

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

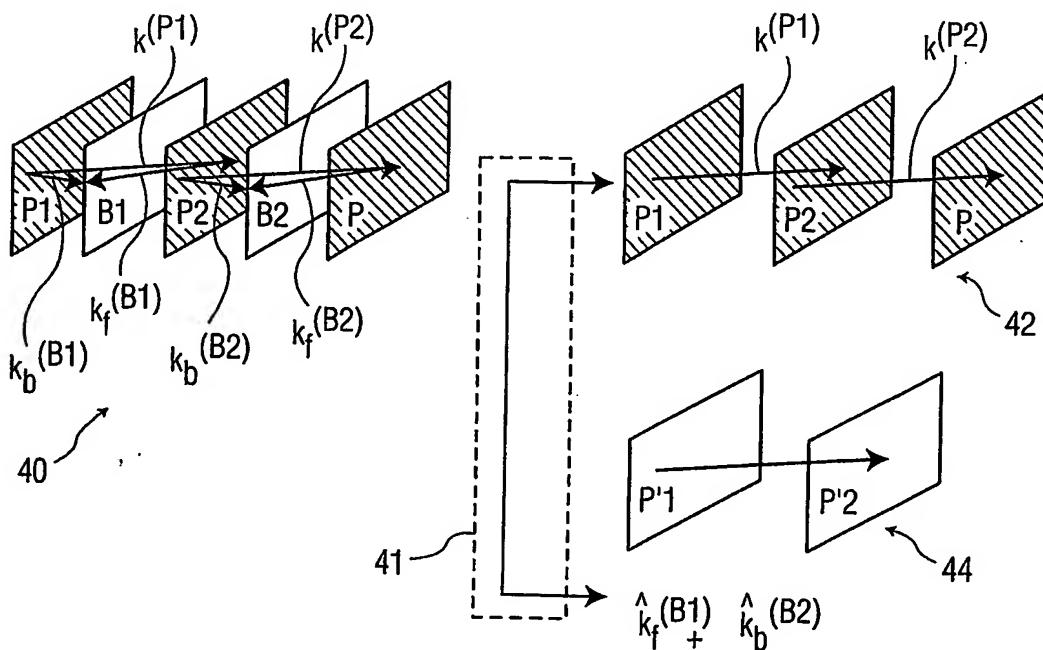
(26) Publication Language:

English

(84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

[Continued on next page]

(54) Title: METHOD OF CODING VIDEO STREAMS FOR LOW-COST MULTIPLE DESCRIPTION AT GATEWAYS



(57) Abstract: The present insertion utilizes a data relationship between B-frame motion vectors ($k(B)$) and P-frame motion vectors ($k(P)$) to simplify merging and dividing of multiple descriptions (22, 24) at network nodes (28) such as gateways by avoiding the need to decompress and re-compress at least one of the multiple descriptions.

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ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report*

Declaration under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations*

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/05949

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N7/26 H04N7/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

WPI Data, INSPEC, COMPENDEX, EPO-Internal, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	H. RADHA, M. VAN DER SCHAAR: "Partial Transcaling for Wireless Packet Video" 12TH INTERNATIONAL PACKET VIDEO WORKSHOP, 'Online! 24 - 26 April 2002, pages 1-9, XP002271368 Pittsburgh, PA, USA Retrieved from the Internet: <URL: http://www.pv02.org> 'retrieved on 2004-02-26! abstract	1,2,6,7, 14,18-20
A	page 2, paragraph 2 -page 7, paragraph 2; figures 1,3,4 -/-	3-5, 8-13, 15-19

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the International search

26 February 2004

Date of mailing of the International search report

11/03/2004

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INTERNATIONAL SEARCH REPORT

Internation	lication No
PCT/IB	03/05949

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/116715 A1 (APOSTOLOPOULOS JOHN G) 22 August 2002 (2002-08-22)	1,2,6,7
Y	abstract	3-5
A	page 2, right-hand column, paragraph 4 page 4, right-hand column, paragraph 2 -page 10, left-hand column, paragraph 1; figures 1,3,7,12	8-20
X	"INFORMATION TECHNOLOGY - CODING OF AUDIO-VISUAL OBJECTS: VISUAL ISO/IEC 14496-2" INTERNATIONAL ORGANIZATION FOR STANDARDIZATION - ORGANISATION INTERNATIONALE DE NORMALISATION, no. N2202, March 1998 (1998-03), pages 1-329, XP000861689	8-10
Y	page 175, paragraph 1 - last paragraph; figures 7.22,7.23	3-5
A	page 192, paragraph 1 -page 196, last paragraph	1,2,6,7, 11-20
A	D. S. TURAGA, M. VAN DER SCHAAR: "Differential motion vector coding in the MCTF framework" ISO/IEC JTC1/SC29/WG11 M9035, 21 - 25 October 2002, pages 1-10, XP002271369 Shanghai, China page 1, line 1 -page 8, last line; figures 1,2,5,8	1-20

INTERNATIONAL SEARCH REPORTInternational application No
PCT/IB 03/05949

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US 2002116715 A1	22-08-2002	EP WO	1360839 A2 02067588 A2	12-11-2003 29-08-2002